

#22/jr  
Patent 01.15.03

Attorney's Docket No. 001560-349

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re Patent Application of

Nobuo TSURUOKA et al

Application No.: 09/147,947

Filed: March 24, 1999

For: NOVEL SERINE PROTEASE

)  
)  
) Group Art Unit: 1652  
)  
) Examiner: William Moore  
)  
) Confirmation No.: 2472  
)  
)

**SECOND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Consideration and making of record in the application identified in caption of the accompanying Information Disclosure Statement are respectfully requested. A statement in accordance with 37 C.F.R. § 1.97(e) and an IDS fee set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 (1806) are being submitted to comply with the provisions of 37 C.F.R. § 1.97(d).

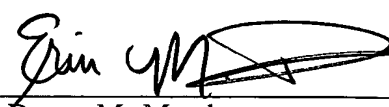
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: November 13, 2002

By:

  
Donna M. Meuth  
Registration No. 36,607

#51,147

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

RECEIVED

NOV 20 2002

TECH CENTER 1600/2900

APPLICATION No.  
09/147,947

APPLICANT  
Nobuo TSURUOKA et al

FILING DATE  
Mach 24, 1999

GROUP  
1652

NOV 13 2002

Examiner  
Initials

U.S. Patent  
NumberKind Code  
(if known)Name of Patentee or Applicant  
of Cited Document

Date of Publication  
(MM-DD-YYYY)

Filing Date If Appropriate (MM-DD-YYYY)	
---	--

Examiner  
Initials

Foreign Patent  
Document Number

Kind Code  
(if known)

Country

Date of Publication  
(MM-DD-YYYY)

Translation	
Yes	No

98/49322

WO

11-05-1998

**yes**

91/10447

WO

07-27-1991

yes

**Examiner  
Initials**

Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Hillier et al, XP-00221862, EST nucleotide Sequence, "WashU-Merck EST Project 1997," June 13, 1997.

Hillier et al, XP-00221863, EST nucleotide Sequence, "The UashU-HHMI Mouse EST Project," December 21, 1996.

Kerlavage et al, XP-002211864, EST nucleotide Sequence, "Initial Assessment of Human Gene Diversity and Expression Patterns Based Upon 83 Million Basepairs of cDNA Sequence," April 18, 1997.

Kerlavage et al, "XP-002211865, EST nucleotide Sequence, "Initial Assessment of Human Gene Diversity and Expression Patterns Based Upon 83 Million Basepairs of cDNA Sequence," April 18, 1997.

Christoph Rader et al, "Cell-cell adhesion by homophilic interaction of the neuronal recognition molecule axonin-1," *Eur. J. Biochem.* 215, pp. 133-141, 1993.

Peter Ravn et al, "Cloning and Characterization of the Bovine Plasminogen Activators uPA and tPA," *Int. Dairy Journal* 5, pp. 605-617, 1995.

Joao H. C. Kanan et al, "Mechanisms for variability in a member of the scavenger-receptor cysteine-rich superfamily," Immunogenetics, Vol. 46, pp. 276-282, 1997.

Thomas P. Gschwend et al, "Neurotrypsin, a Novel Multidomain Serine Protease Expressed in the Nervous System," *Molecular and Cellular Neuroscience*, Vol. 9, pp. 207-219, 1997.

**Examiner  
Signature**

Date  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

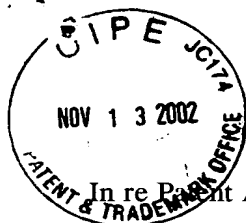
Commissioner for Patents, Wa  
**RECEIVED**

NOV 20 2002

TECH CENTER 1600/2900

(10/02)

1652



Patent  
Attorney's Docket No. 001560-349

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Nobuo TSURUOKA et al

Application No.: 09/147,947

Filed: March 24, 1999

For: NOVEL SERINE PROTEASE

)  
)  
) Group Art Unit: 1652  
)  
) Examiner: William Moore  
)  
) Confirmation No.: 2472  
)  
)

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

**RECEIVED**

NOV 20 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TECH CENTER 1600/2900**

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.


- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:  #51,147  
for: Donna M. Meuth  
Registration No. 36,607

Date: November 13, 2002

11/15/2002 AOSMAN1 00000033 09147947

01 FC:1806

180.00 OP

(10/02)